

2010 Medication Withdrawal Times

Prepared for the Indiana Horse Racing Commission

These are suggested withdrawal times for urine, unless otherwise stated.

Medication	Recommended Withdrawal Time	Medication	Recommended Withdrawal Time
Acebutolol	96 hours	Ketamine	120 hours
Acepromazine	5 days	Ketoprofen	72 hours
Albuterol	96 hours	Ketorolac	96 hours
Aminocaproic Acid	72 hours	Lidocaine	7 days
Atropine	96 hours	Medetomidine	96 hours
Beclomethasone	48 hours	Mepivacaine	7 days
Benzocaine	72 hours	Methocarbamol	5 days
Betamethasone	48 hours	Methylprednisolone	10 days
Boldenone*	45 days	Nandrolone*	45 days
Bupivacaine	7 days	Omeprazole	24 hours
Butorphanol	96 hours	Pentazocine	96 hours
Cimetidine	24 hours	Pentoxyfylline	96 hours
Clenbuterol	7 days	Phenytoin	7 days
Cromolyn	48 hours	Polyethylene Glycol	24 hours
DMSO	36 hours	Prednisolone	48 hours
Dantrolene	72 hours	Prednisone	48 hours
Detomidine	96 hours	Procaine HCl	72 hours
Dexamethasone	48 hours	Procaine Penicillin See notes below.	7 –30 days
Diazepam	7 days	Promazine	120 hours
Diclofenac	7 days	Propantheline	48 hours
Dipyrone	5 days	Propionylpromazine	96 hours
Dyphylline	120 hours	Propranolol	96 hours
Ergoloid Mesylate	48 hours	Pyrilamine	20 days
Ergonovine	96 hours	Ranitidine	24 hours
Fenoterol	48 hours	Reserpine	2 months
Fenspiride	96 hours	Salmeterol	96 hours
Flunixin (blood)	48 hours	Stanozolol*	45 days
Flunixin (urine)	96 hours	Terbutaline	96 hours
Fluphenazine	30 day minimum	Testosterone*	45 days
Furosemide	48 hours	Theophylline	120 hours
Glycopyrrolate	96 hours	Triamcinolone	96 hours
Guaifenesin	96 hours	Triamcinolone Acetonide	13 days
Guanabenz	48 hours	Trichlormethiazide	72 hours
Hydroxyzine	5 days	Triflupromazine	96 hours
Ipratropium	48 hours	Tripelennamine	72 hours
Isoflupredone	72 hours	Xylazine	96 hours
Isoxsuprine	7 days		

❖ **NOTE:** Animals receiving long term treatment with anabolic steroids may need 3-5 months withdrawal time to clear the animal.

- **Regulations regarding the administration of Phenylbutazone, Flunixin and Ketoprofen can be found at 71 IAC 8-1-4.1 (Standardbred) and 71 IAC 8.5-1-4.1 (Thoroughbred and Quarter Horse).**
- **Reliance on these guidelines is no guarantee of compliance with Indiana Horse Racing Commission (IHRC) medication rules.**

A compilation of drug withdrawal times is now available on the Racing Medication and Testing Consortium (RMTc) website and is the main source of information for recent additions to this list. The RMTc site should be consulted for additional information on dosage of drugs and for other drugs: <http://www.rmtcnet.com>

However, it should be noted that minimal or recommended single doses were utilized in many of the studies referenced in preparation of guidelines. The information available is typically from an administration to a single horse or just a few horses; your horse may differ. Repeated or long-term administrations of a drug can greatly extend the withdrawal time. Some studies show significantly different withdrawal times between horses and differences when other drugs such as Salix® are being used. It should also be noted that Truesdail Laboratories, the official testing laboratory for the Indiana Horse Racing Commission (IHRC), periodically adopts or produces new methods for increased sensitivity. Trainers, owners, and veterinarians should periodically check with the IHRC, and the RMTc website to assure compliance with current medication rules and withdrawal guidelines.

Concerning procaine penicillin, it may be best to send a sample of your horse's urine to Truesdail Laboratories to see if it is clear before entering the horse. The cost is \$60; results in 48 hours from receipt of sample. Send check, money order, or credit card information with sample. Contact Truesdail Laboratories at (714) 730-6239 for more information **about procaine pre-race testing.**